

ICOM LIST OF OPTIONS

"S" SERIES TRANSCEIVERS

Thank you for purchasing an Icom handheld transceiver.

This brochure shows various options available for Icom "S" series handheld transceivers.

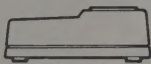
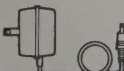

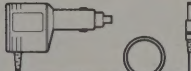
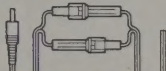
■ BATTERY PACKS

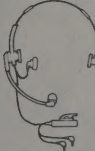
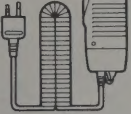
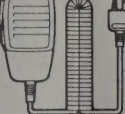

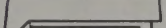
BATTERY PACKS	BP-81	BP-82	BP-83	BP-84	BP-85	BP-90
CAPACITY	110 mAh	300 mAh	600 mAh	1000 mAh	340 mAh	Battery case AA (R6) size x 6
VOLTAGE	7.2 V	7.2 V	7.2 V	7.2 V	12.0 V	7.2 or 9.0 V
HEIGHT	30 mm (1.2 in)	40 mm (1.6 in)	59.5 mm (2.3 in)	76 mm (3.9 in)	76 mm (3.9 in)	59.5 mm (2.3 in)
CHARGING PERIOD AND CHARGERS	1 hr.: BC-72 15 hrs.: BC-73, BC-74, OP-12, OPC-254	1 hr.: BC-72 15 hrs.: BC-73, BC-74, CP-12, OPC-254	1 hr.: BC-72 15 hrs.: BC-74, CP-12, OPC-254	1 hr.: BC-72 15 hrs.: BC-74, CP-12, OPC-254	1.5 hrs.: BC-72 15 hrs.: BC-74, CP-12, OPC-254	NiCd batteries only* 15 hrs.: BC-74, CP-12, OPC-254

Charging periods are approximate.

*NEVER charge dry batteries. This may cause internal liquid leakage of the batteries.

■ OPTIONS

BC-72 DESKTOP CHARGER	BC-73E/D WALL CHARGER	BC-74A/E/D/V WALL CHARGER	CP-12 CIGARETTE LIGHTER CABLE WITH NOISE FILTER	OPC-254 MINI DC POWER CABLE
				
Rapidly charges BP-81 ~ BP-85. Both AC and DC can be used. BA-12 is required for "SAT/SET."	Charges BP-81 or BP-82. Available in Europe and Asia only.	Charges BP-81 ~ BP-85 and BP-90 with NiCd batteries.	For operating the transceiver or charging a battery pack with a cigarette lighter socket.	For operating the transceiver or charging a battery pack with an external power supply.

HS-51 HEADSET	HM-46 SPEAKER- MICROPHONE	HM-54 SPEAKER- MICROPHONE	MB-30 MOUNTING BRACKET	AD-14 BATTERY CHARGE ADAPTER
				
Includes VOX control PTT switch and "one touch PTT."	Combination speaker-microphone. Equipped with an earphone jack.	Combination speaker-microphone. Heavy-duty type.	For mounting the transceiver in a vehicle or to a wall.	For charging a battery pack without a transceiver.

- **BA-11** BOTTOM CAP
Protects bottom terminals when using an external power supply. Same type supplied with "SAT/SET."
- **BA-12** BATTERY CHARGE ADAPTER
For rapid charging the "SAT/SET" internal battery with the BC-72.
- **HM-9** SPEAKER-MICROPHONE
Combination speaker and microphone.
- **UT-49** DTMF DECODER UNIT
Ensures paging and code squelch functions with DTMF codes. The IC-24AT/ET cannot accept this unit.
- **UT-50** TONE SQUELCH UNIT
Provides a "personalized" tone squelch system with other stations.
- **UT-51** PROGRAMMABLE TONE ENCODER UNIT
Allows you to access repeaters requiring a subaudible tone.

Ask your Icom Dealer when using the UT-49, UT-50 or UT-51 with the "SA/SE" series transceiver.

■ CARRYING CASES

BATTERY PACKS AND BOTTOM CAP	SA/SE SERIES TRANSCEIVERS	SAT/SET SERIES TRANSCEIVERS	IC-24AT/ET
BP-81	LC-53	—	LC-63
BP-82, BP-83 BP-86, BP-90	LC-55	LC-59	LC-65
BP-84, BP-85	LC-56	LC-61	LC-66
BA-11	LC-53	LC-57	LC-63

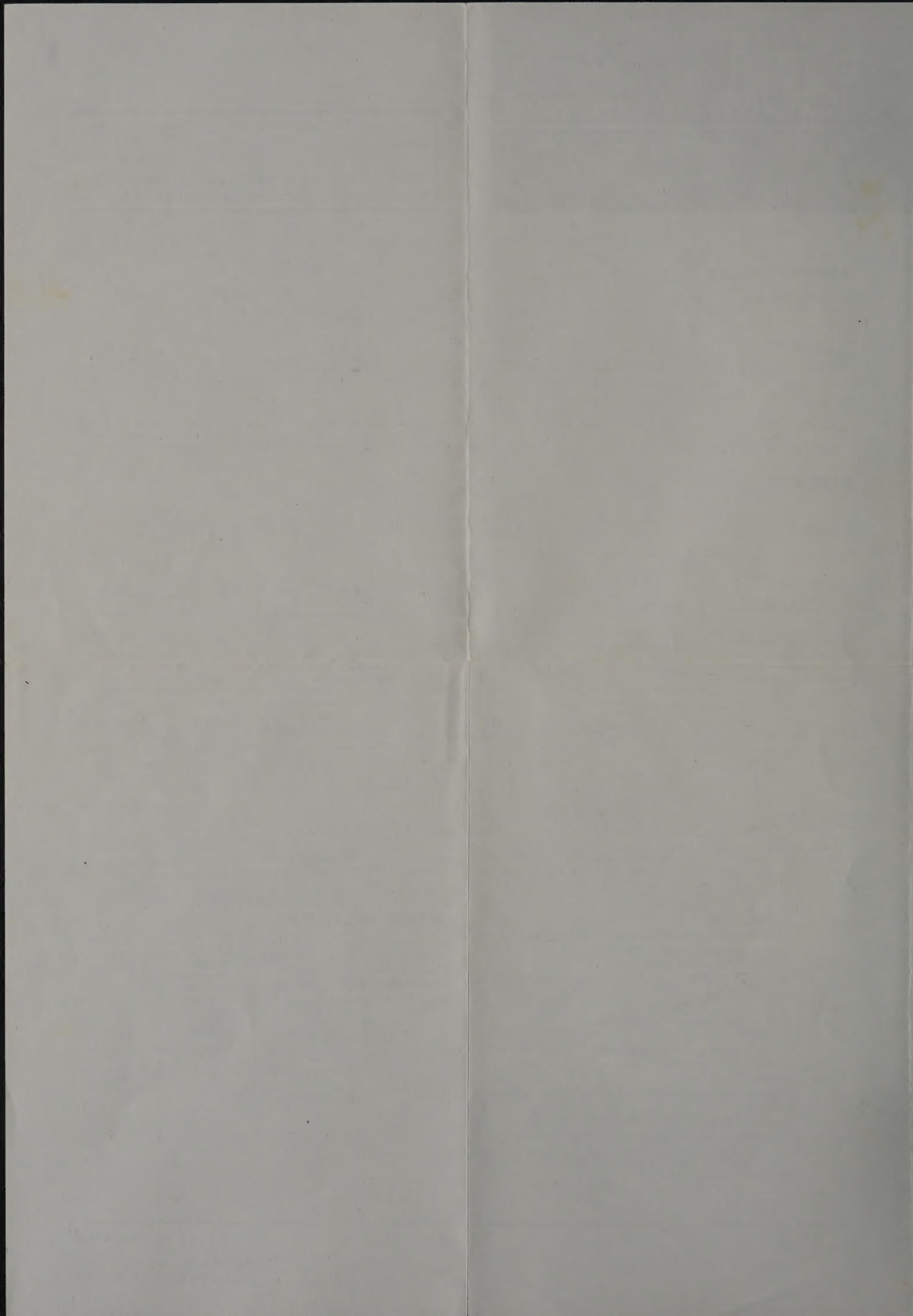
BP-86 is no longer produced.

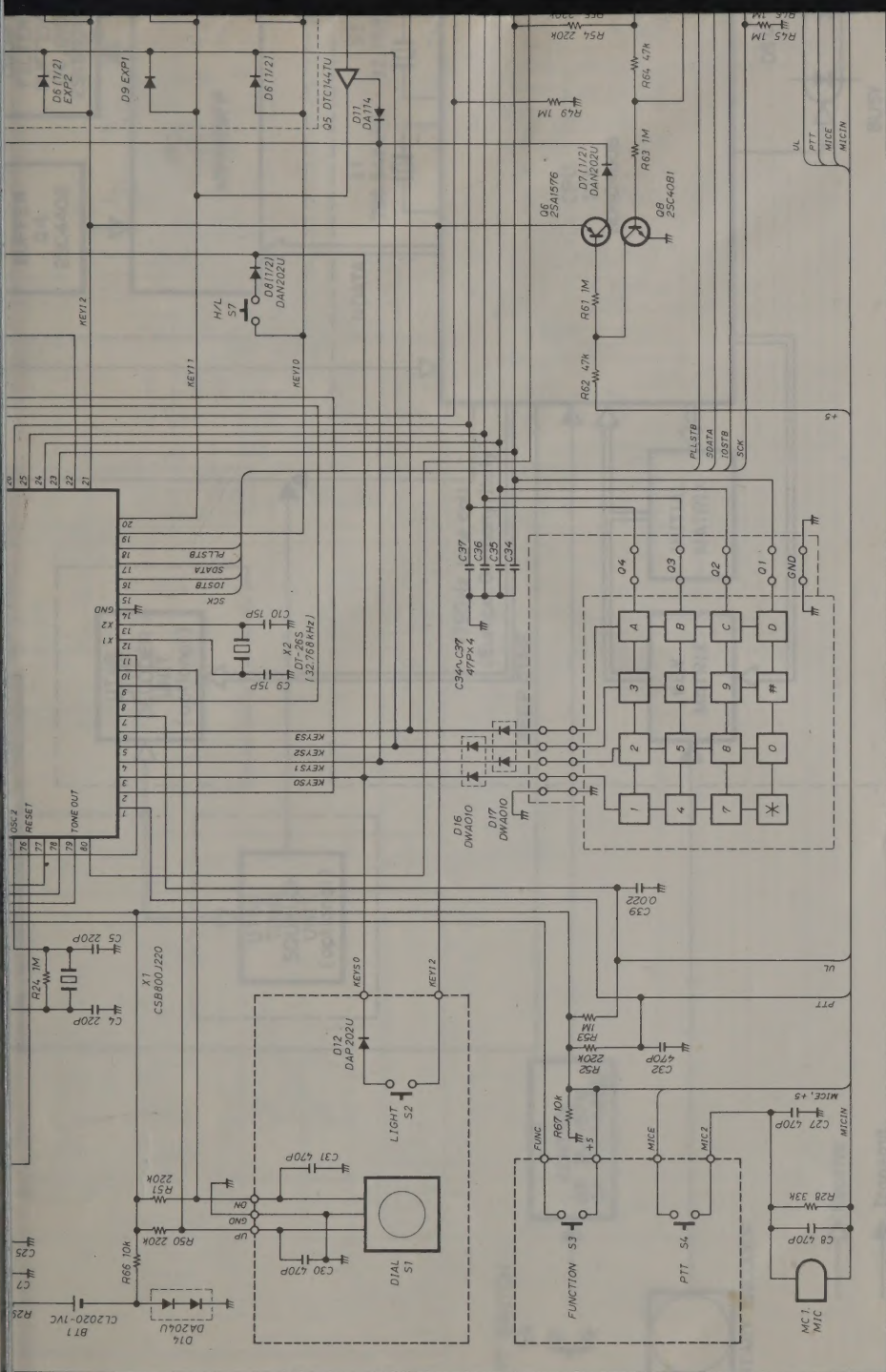
Icom Inc.

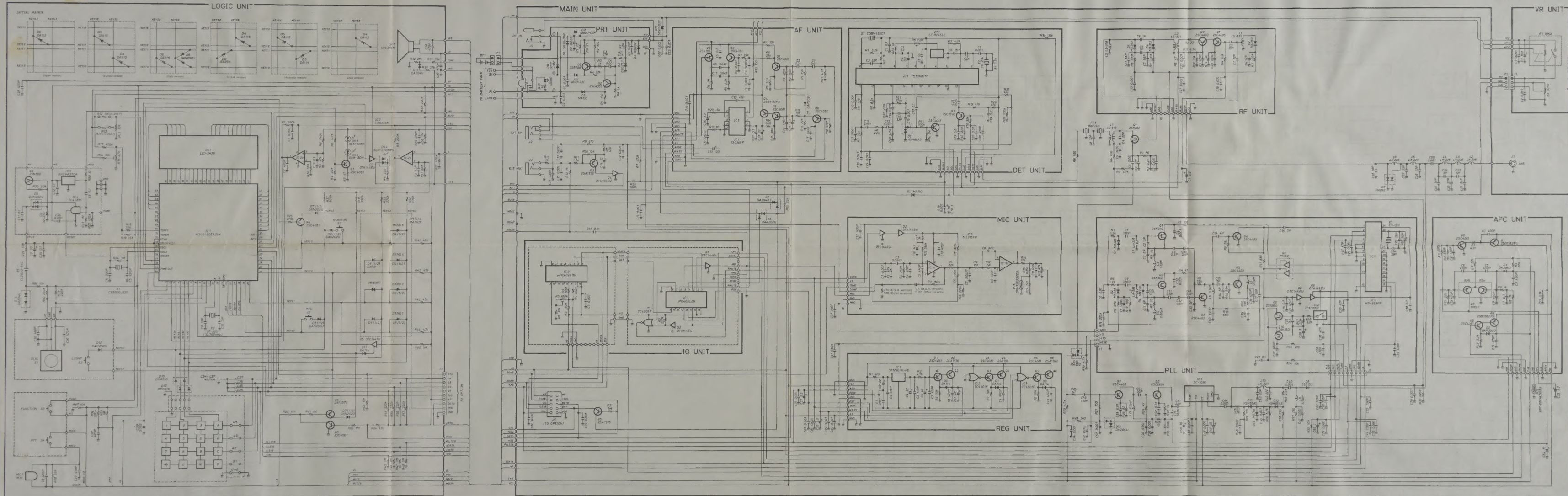
6-9-16, Kamihigashi, Hirano-ku, Osaka 547, Japan

Count on us!

A-8037S-1EX-③ Printed in Japan
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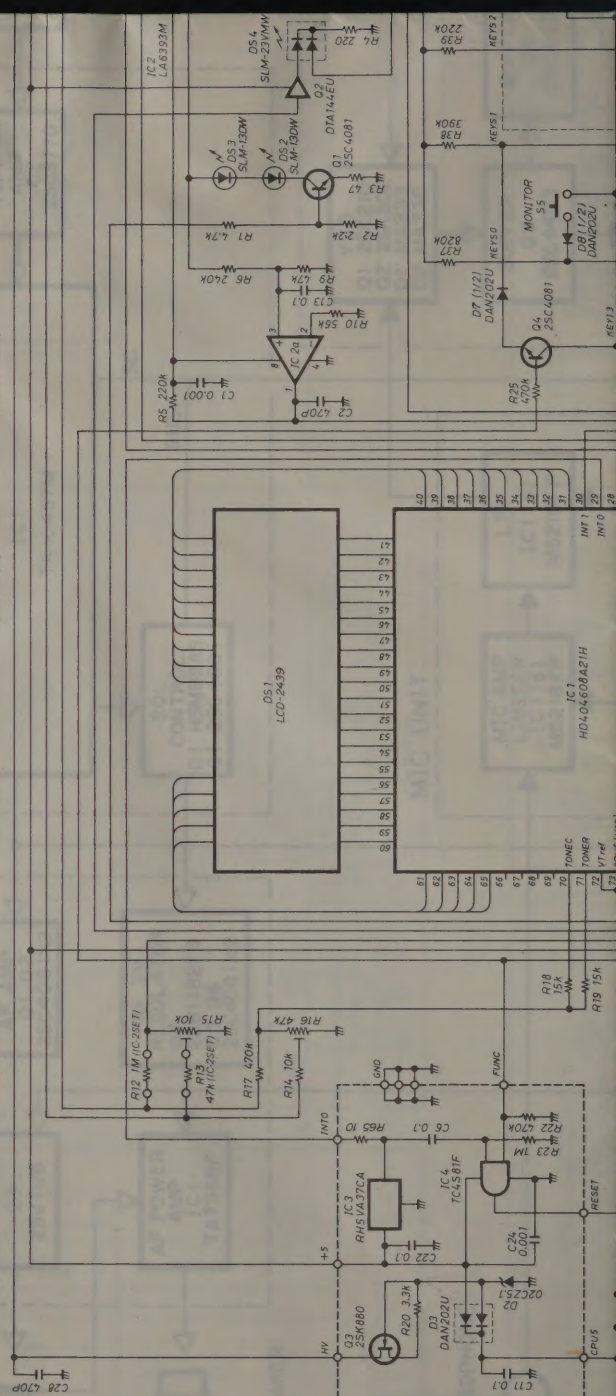
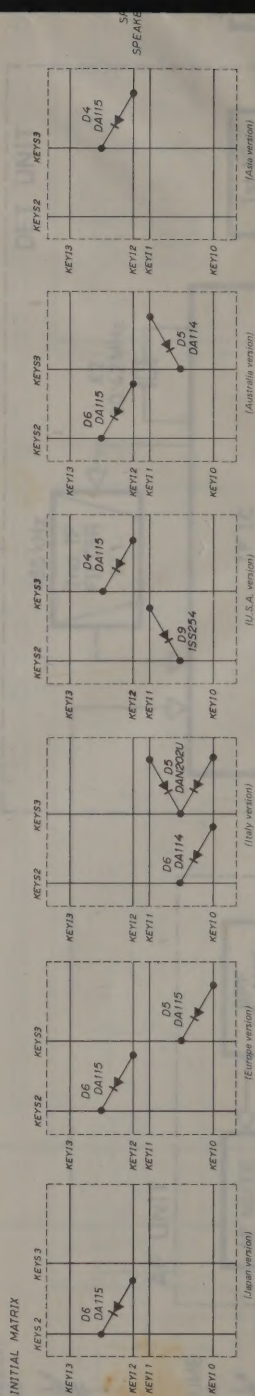






ICOM IC-2SAT IC-2SET SCHE

LOGIC UNIT



ICOM

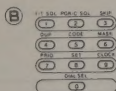
OPERATING GUIDE

IC-2SAT/SET IC-3SAT IC-4SAT/SET

● SETTING A FREQUENCY (p. 14)

① CLR/M→V
A

② Set the frequency.

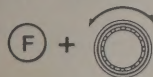


With 4 digits
(3 digits for 12.5 kHz step)

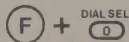
③ ▽/SCAN ***** or △/SCAN **#**

● DIAL SELECT FUNCTION (p. 15)

OPERATION



STEP SETTING



■ MEMORY MODE

● SELECTING A MEMORY CHANNEL (p. 19)

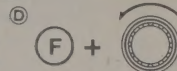
① MR/MW **B** → ② **A** **B** ▽/SCAN ***** or △/SCAN **#**

③ MR/MW **B** then

Several times



Any digit



For blank channel selection

● MEMORY WRITE (p. 20)

① Select the memory channel. (See above)

→ ② CLR/M→V **A**

③ Set the frequency

→ ④ **F** + MR/MW **B**

Push and hold

● MEMORY TRANSFER INTO VFO (p.21)

① Select the memory channel. (See above)

→ ② **F** + CLR/M→V **A**

Push and hold

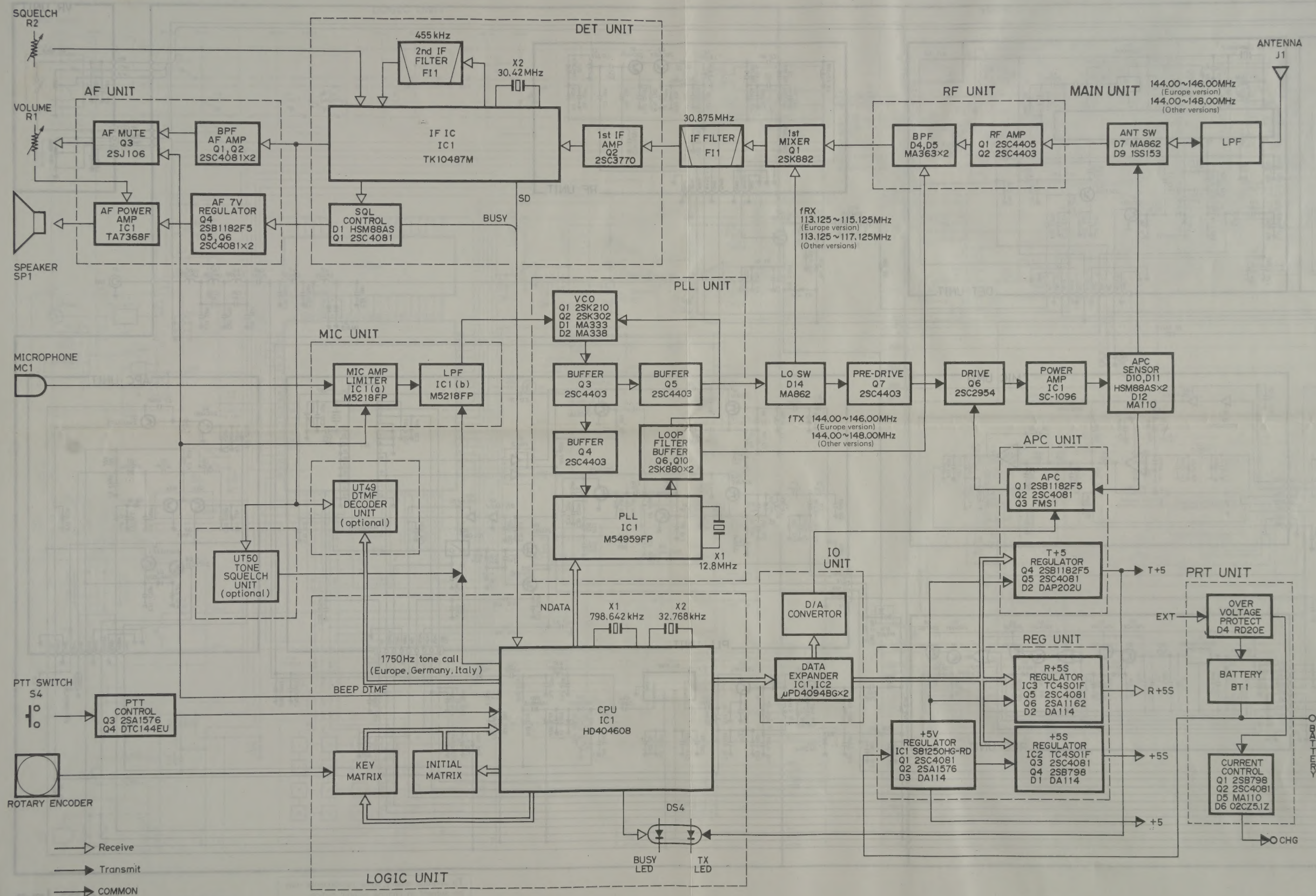
● MEMORY MASK (p. 21)

① Select the memory channel. (See above)

→ ② **F** + MASK **6**

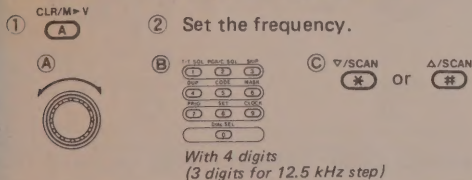
Repeat for revival

BLOCK DIAGRAM



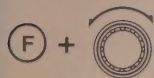
IC-2SAT/SET IC-3SAT IC-4SAT/SET

• SETTING A FREQUENCY (p. 14)

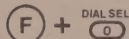


• DIAL SELECT FUNCTION (p. 15)

OPERATION

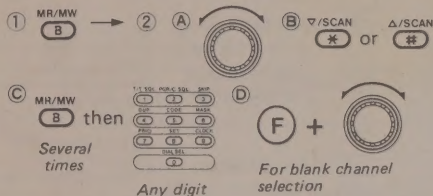


STEP SETTING

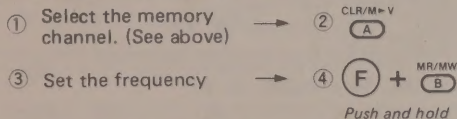


■ MEMORY MODE

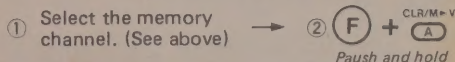
• SELECTING A MEMORY CHANNEL (p. 19)



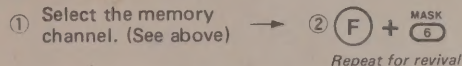
• MEMORY WRITE (p. 20)



• MEMORY TRANSFER INTO VFO (p. 21)



• MEMORY MASK (p. 21)

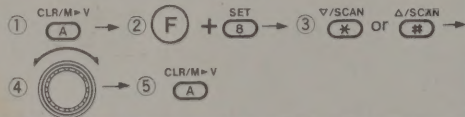


■ INITIAL SETTINGS

• WITH POWER ON

+		All reset (p. i)	
LIGHT	DUP	Scan resume condition (p.23)	Pause scan
LIGHT	CODE		Timer scan
LIGHT	PRIO	Power saver function (p.33)	Function OFF
LIGHT	SET		Duty cycle 1:4
LIGHT	CLOCK		Duty cycle 1:16
LIGHT	▽/SCAN	PTT switch function (p.17)	Activates
LIGHT	DIAL SEL		Deactivates

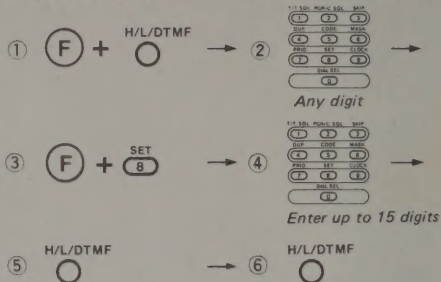
• USING SET MODE (p. 8)



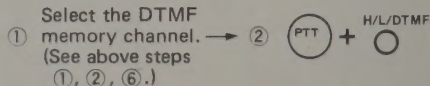
SETTING CONTENTS	DISPLAY
Offset frequency (p. 18)	OW
Tuning step (p. 15)	TS
Programmed scan edges (p. 25)	PA and PB
Beep tone ON/OFF (p. 33)	BE
Frequency skip ON/OFF (p. 26)	PS
Tone encoder (optional) (p. 41)	TO

■ DTMF MEMORY MODE

• DTMF MEMORY PROGRAMMING (p. 29)

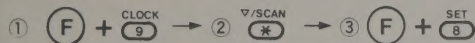


• DTMF CODE TRANSMITTING (p. 29)

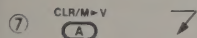
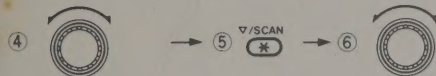


■ CLOCK MODE

• SETTING CLOCK OR POWER ON TIME (p. 30)



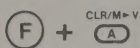
Select "TM"
or time only.



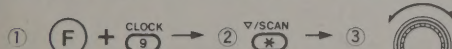
⑧ A When exiting
CLOCK mode:



B When starting
power on timer:



• SETTING AUTO POWER OFF TIMER (p. 32)

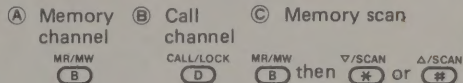


Select "AP."

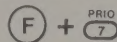


■ PRIORITY WATCH (p. 27)

① Select the watching channel.



② Start priority watch.

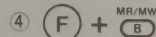
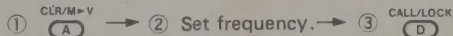


■ CALL CHANNEL (p. 22)

• CHANNEL CALL UP

CALL/LOCK D Each push calls up and cancels the call channel.

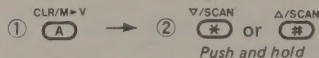
• CALL CHANNEL PROGRAMMING



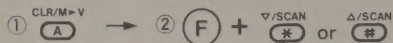
Push and hold

■ SCAN

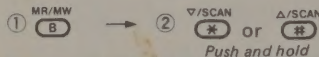
• FULL SCAN (p. 24)



• PROGRAMMED SCAN (p. 24)

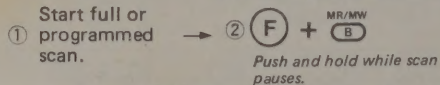


• MEMORY SCAN (p. 24)

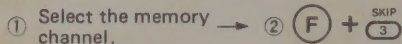


• SKIP FREQUENCY PROGRAMMING (p. 25)

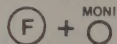
When a signal is received:



• SKIP MEMORY PROGRAMMING (p. 26)



■ RECEIVE INDICATOR (p. 16)



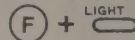
Each push turns OFF and ON the receive indicator.

■ DISPLAY LIGHT (p. 10)

5 sec. TIMER



CONTINUOUS LIGHTING



■ TRANSMIT OUTPUT POWER (p. 17)

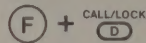
HIGH/LOW SELECTION



LOW POWER SETTING



■ LOCK FUNCTION (p. 15)



Each push turns ON and OFF the function.